

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672687

Luminaire Tested: **CCP-SA-1B-740-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672687
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-740-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3593.9 lumens
Efficiency: N/A
Efficacy: 149.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

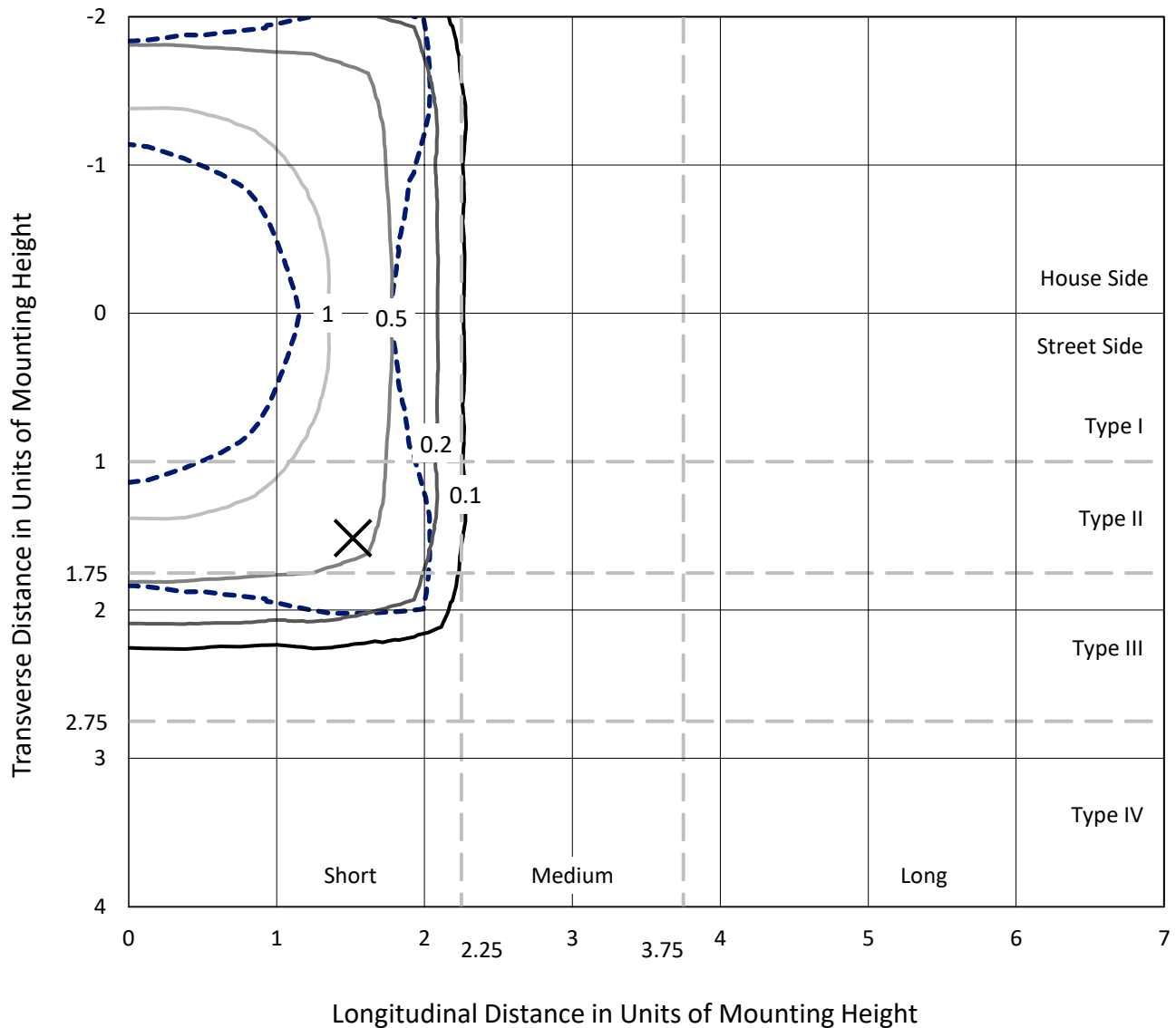
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

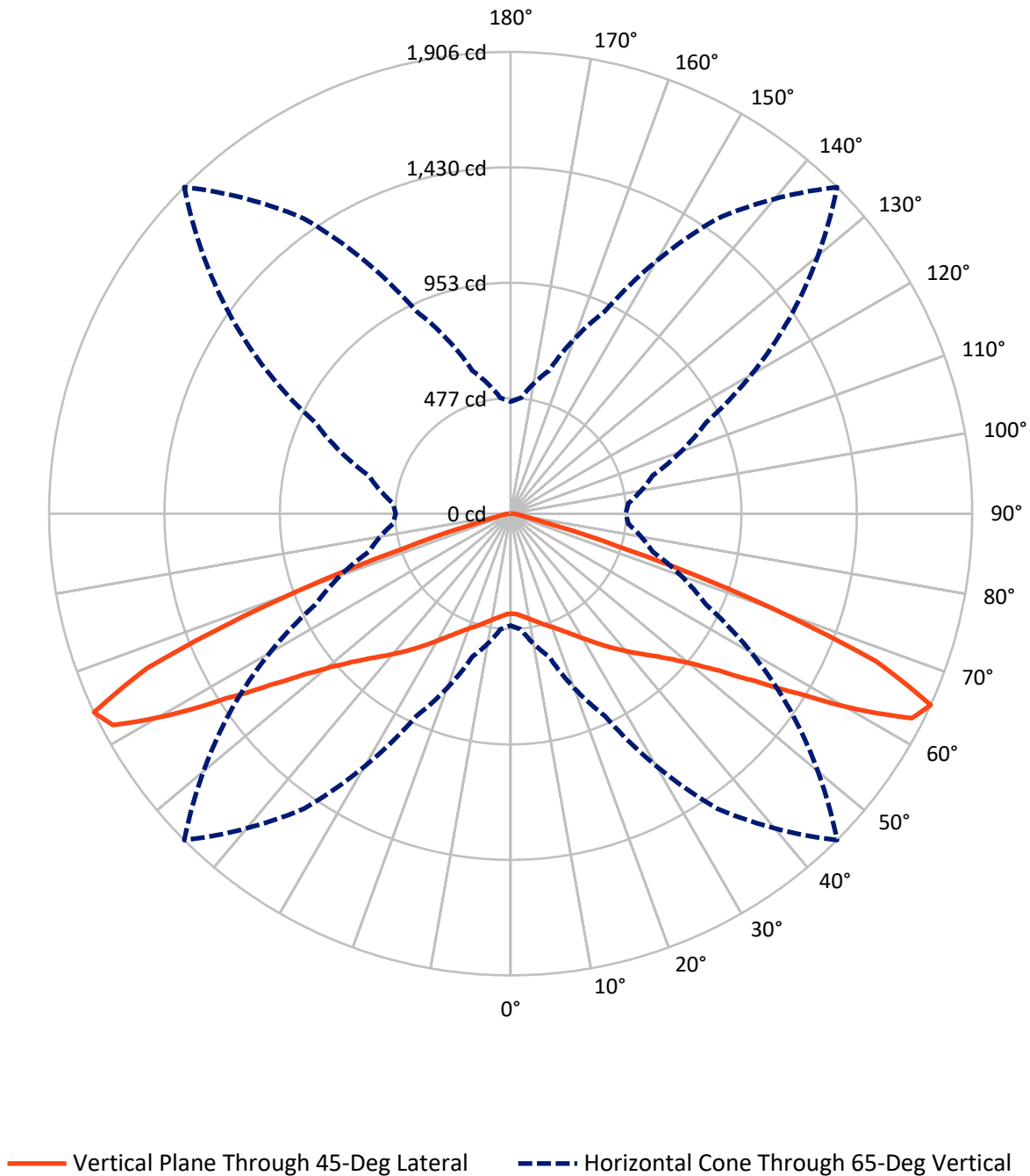
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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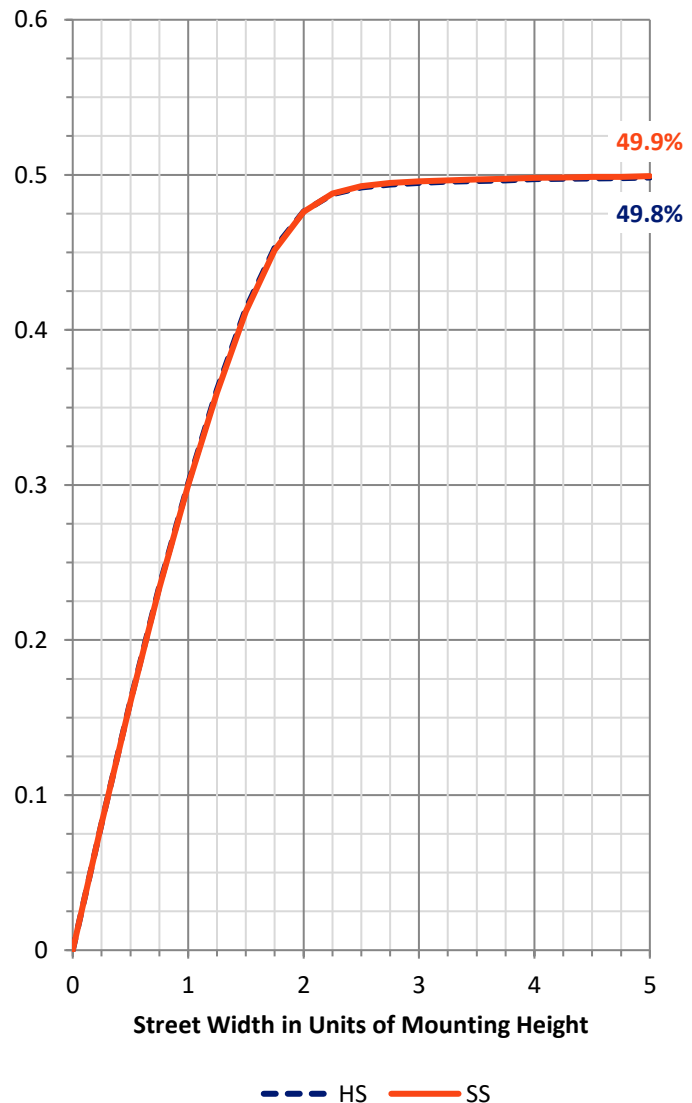
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1796.9	0.0	1796.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1796.9	0.0	1796.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	3593.9	0.0	3593.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	1.1
10°-20°	133.6	3.7
20°-30°	253.4	7.1
30°-40°	425.0	11.8
40°-50°	672.5	18.7
50°-60°	1056.5	29.4
60°-70°	892.6	24.8
70°-80°	103.9	2.9
80°-90°	15.5	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3593.9	100.0
0°-180°	3593.9	100.0

Coefficient of Utilization



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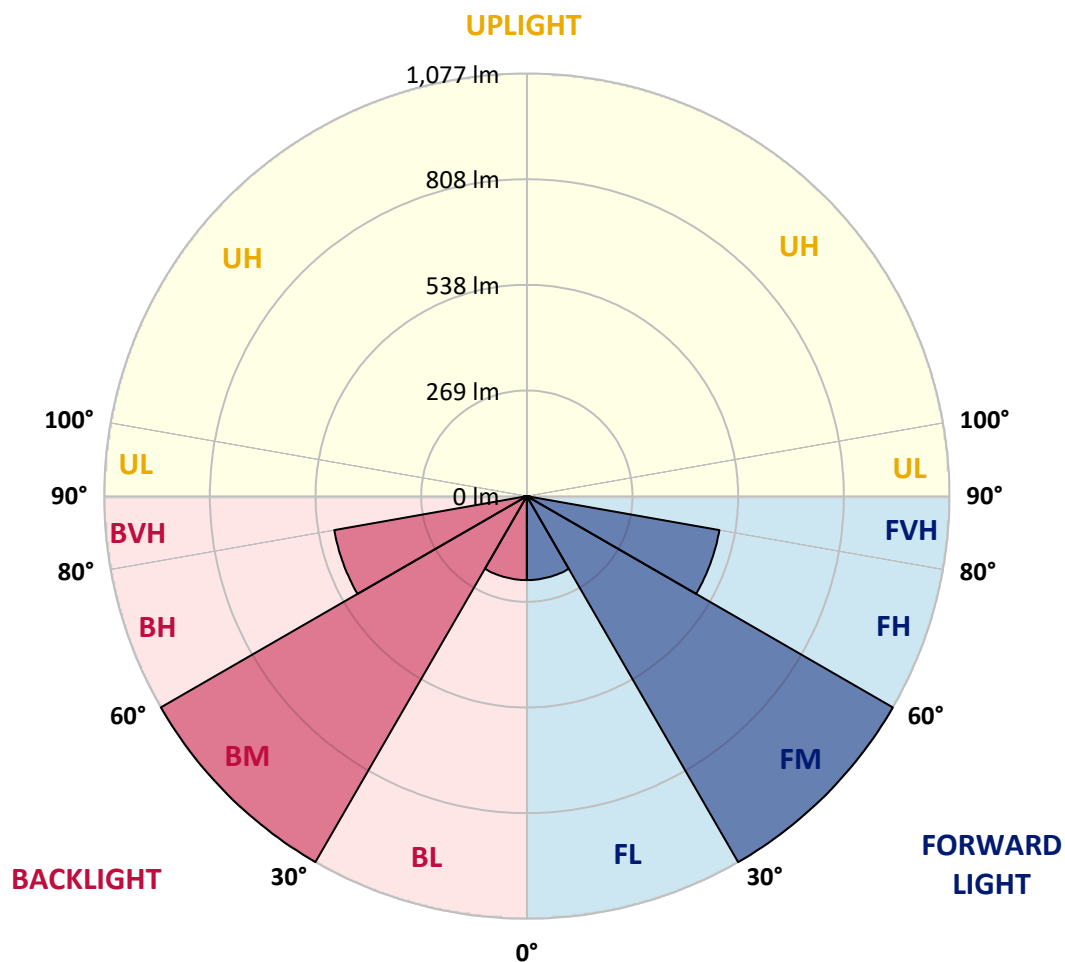
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	214.0	6.0			
FM	(30°-60°)	1077.0	30.0			
FH	(60°-80°)	498.3	13.9			G0/660
FVH	(80°-90°)	7.7	0.2			G0/10
BL	(0°-30°)	214.0	6.0	B1/500		
BM	(30°-60°)	1077.0	30.0	B2/2500		
BH	(60°-80°)	498.3	13.9	B1/500		G0/660
BVH	(80°-90°)	7.7	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	413.2	413.2	413.2	413.2	413.2	413.2	413.2	413.2	413.2	413.2	413.2
2.5°	415.5	414.2	415.5	415.5	414.7	415.0	414.0	413.7	415.0	414.0	413.7
5°	424.1	423.1	424.1	423.3	422.1	422.3	420.8	420.3	421.8	420.3	420.6
7.5°	433.9	432.2	432.7	433.4	432.2	432.2	430.9	430.2	430.9	429.4	430.4
10°	442.3	440.8	441.5	442.5	442.3	443.0	441.8	441.3	440.5	438.7	440.3
12.5°	453.1	452.6	453.6	454.9	454.4	455.4	452.6	451.9	451.6	449.6	451.4
15°	467.3	466.0	467.8	469.3	468.6	470.3	468.0	467.0	465.8	463.2	464.8
17.5°	481.4	480.4	482.9	483.7	484.0	485.5	483.7	482.2	481.7	479.9	478.9
20°	498.4	497.1	499.1	500.6	499.4	501.1	500.4	499.4	498.9	496.1	495.8
22.5°	517.3	515.5	518.6	520.3	518.6	520.3	518.8	518.6	518.8	514.8	515.3
25°	538.5	538.8	541.8	543.1	542.1	543.1	540.8	542.3	541.5	537.3	535.7
27.5°	565.8	564.8	568.1	571.9	569.3	569.3	568.3	569.8	569.6	565.5	564.5
30°	597.6	597.4	602.2	604.4	600.9	599.4	599.1	602.9	603.2	598.9	597.1
32.5°	631.0	631.0	636.8	639.6	634.5	633.5	632.5	637.5	636.8	631.0	627.2
35°	667.6	666.1	673.9	677.9	672.9	669.9	669.4	673.9	672.9	664.8	660.3
37.5°	703.7	704.7	713.8	718.4	712.3	708.5	709.8	712.8	713.1	704.2	699.4
40°	747.9	748.2	759.5	763.1	755.2	749.4	751.2	758.0	757.5	746.7	740.6
42.5°	797.4	796.4	810.6	813.6	803.0	791.9	797.2	807.8	810.3	798.2	791.9
45°	850.5	852.0	866.6	869.9	853.2	839.1	850.5	866.4	869.7	856.5	848.7
47.5°	914.9	916.6	934.3	935.6	916.6	898.2	913.4	934.1	935.3	917.1	908.1
50°	988.4	994.4	1014.1	1016.7	998.0	974.2	996.0	1014.4	1009.6	985.3	977.0
52.5°	1071.7	1076.5	1107.3	1118.0	1101.5	1076.0	1093.5	1104.8	1089.4	1057.6	1044.7
55°	1142.7	1150.8	1191.7	1224.0	1236.4	1217.2	1215.2	1198.5	1155.6	1107.1	1093.7
57.5°	1162.7	1170.5	1233.9	1317.2	1390.8	1400.3	1355.9	1272.3	1179.8	1105.1	1091.4
60°	1081.6	1092.2	1184.9	1342.8	1553.7	1640.6	1479.9	1278.6	1116.9	1016.7	999.5
62.5°	849.5	869.2	988.9	1236.4	1619.3	1859.3	1530.9	1169.7	927.3	808.8	786.1
65°	462.0	478.9	611.0	921.4	1486.2	1906.0	1405.9	890.6	606.5	487.5	475.1
67.5°	173.3	185.7	246.3	455.4	1050.8	1629.4	1067.2	510.0	275.3	197.5	180.1
70°	73.8	75.3	89.2	158.6	477.6	1060.1	546.3	173.3	91.9	74.3	72.2
72.5°	53.0	53.3	57.1	70.2	145.5	465.0	165.2	72.7	56.1	50.5	50.5
75°	42.4	42.7	45.0	50.8	68.7	136.9	71.2	51.0	43.4	39.7	39.2
77.5°	33.3	33.8	36.1	39.7	46.0	62.6	48.2	40.2	34.9	31.3	30.8
80°	24.8	25.5	28.5	30.3	32.3	41.7	35.1	31.3	27.8	24.0	23.2
82.5°	16.4	17.2	21.2	22.5	22.2	26.3	24.2	24.0	21.2	15.9	15.2
85°	9.9	10.4	13.6	14.7	13.6	12.9	15.4	16.7	14.9	10.4	9.6
87.5°	4.3	4.3	6.1	6.3	6.1	4.8	7.3	8.6	8.8	5.3	4.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)